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IB - 289/63
29 October 1963
Copy 1 of 1

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

X1 ATTENTION :

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Rail Facilities at Tien-ching (Tientsin), China

REFERENCE : (1) ORR Requirement No. C-RR3-80,539
(2) CIA/PID Project No. C 1246/63

1. This memorandum is in answer to the referenced requirement concerning the comparative study of the rail and repair facilities at Tien-ching (Tientsin), China. This is the second and final part of the study covering this complex.

2. The enclosed information provides the location of rail facilities, including rail-served industries. Two tables have been provided, one showing the length and the width of each yard of a given area, and the other reporting the number and type of rolling stock found in each yard or rail-served industry. This information was derived from 25X1 respectively. Information was also obtained from US Air Target Mosaic #50381-6/4MA.

3. On the enclosed map of Tien-ching (Tientsin) (CIA/PID/IB-P-641/63, Enclosure No. 1), the numbered annotations correspond to the facility areas listed in the attached tables, (Tables I and II). The letters which divide the enumerated areas correspond to yards and the rail-served industries. It should be noted that all of the rail-served industries could not be identified.

4. Included with this memorandum is a diagrammatic sketch of the locomotive repair facility (Enclosure No. 2) located in area 1. All necessary information is annotated on this sketch.

5. The locomotive and car repair facility located in area 3 was not operational at the time of photography. This installation includes a roundhouse (12 stalls approx.), two car repair shops, foundry, machine shop and thirteen support buildings.

6. The turntable that services the roundhouse, of the aforementioned facility, is not operational and is partly obscured by a building that has been constructed on the service tracks. Two turning wyes are located adjacent to this facility.

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SUBJECT: Rail Facilities at Tien-Ching (Tientsin), China

The turning wyes are operational and have useable tracks of [redacted] and 460 feet (approx.).

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7. These requirements are considered to be completed as of the date of this memorandum. The photo analysis on this project was performed by Messrs.

[redacted] should

you have further questions regarding this project.

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ENCLOSURES:

- 1 Line Drawing (CIA/PID/IB-P-642/63)
- 1 Mosaic (CIA/PID/IB-P-641/63)
- 2 Tables

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TABLE I

RAIL FACILITIES: LENGTH AND WIDTH BY YARDS
TIEN-CHING (TIENTSIN), CHINA

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RAIL FACILITY	YARD	LENGTH (FEET) *(-)	WIDTH (NO. OF TRACKS)
1	A	1525 75'	12
	B	1500' x 1400'	26
	C	2500' x 250'	9
	D	1500' x 30'	12
	E	1000' x 150'	11
	F	-	
	G	4000' x 300'	18
	H	3100' x 250'	10
	I	-	
	J	-	
2	A	3100' x 260'	16
3	A	4000' x 200'	5
	B	1500' x 320'	7
	C	1050' x 920'	Not Operational
	D	5100' x 200'	14
4	A	3250' x 300'	12
	B	2000' x 550'	6
	C	-	
5	A	920' x 270'	3
	B	2700' x 150'	11
	C	785' x 385'	6
6	A	-	
	B	-	
	C	-	
	D	-	
	E	-	
	F	-	
7	A	-	
	B	-	
	C	2150' x 100'	4
	D	-	

*Choke Point to Choke Point

-Denote Rail-Served Industries

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TABLE II

COUNT OF ROLLING STOCK BY FACILITY TIEN-CHING (TIENTSIN), CHINA

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RAIL FACILITY	YARD	OPEN CARS	FREIGHT CARS	TANK CARS	PASSENGER CARS	LOCOMOTIVES	
1	A	19	5	-	12	8	
	B	-	11	-	-	14	
	C	-	40	-	20	3	
	D	20	22	-	-	2	
	E	-	4	-	77	-	
	F	8	11	-	-	1	
	G	271	64	-	21	-	
	H	-	80	-	-	1	
	I	18	-	-	-	-	
	J	16	-	2	-	-	
2	A	45	97	12	-	2	
3	A	-	-	-	-	-	
	B	-	-	-	-	-	
	C	-	-	-	-	-	
	D	284	130	25	-	1	
	E	-	-	-	-	-	
4	A	99	30	-	-	1	
	B	33	-	-	-	-	
	C	16	1	-	-	-	
5	A	48	5	-	-	-	
	B	52	82	11	-	1	
	C	1	-	-	-	-	
6	A	1	-	16	-	-	
	B	-	30	-	-	-	
	C	2	-	-	-	-	
	D	-	20	-	-	-	
	E	35	-	21	-	-	
	F	-	-	-	-	-	
7	A	6	-	-	-	-	
	B	-	-	-	-	-	
	C	24	19	5	1	-	
	D	11	29	4	-	1	
TOTAL		1009	680	96	131	35	

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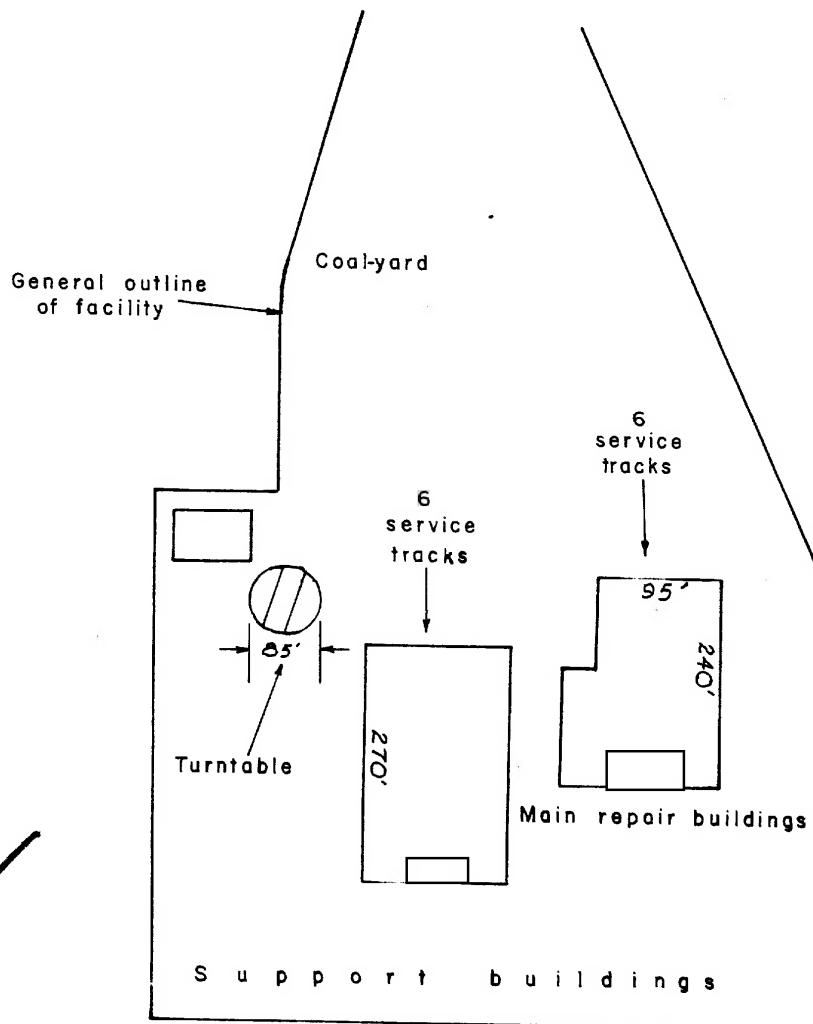
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RAIL FACILITIES IN TIENSIN, CHINA

LOCOMOTIVE REPAIR BUILDINGS

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CIA/PID/IB- P-642/63

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ENCLOSURE NO. 2

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